

2004



TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application No.	10/773,850
	Filing Date	February 5, 2004
	First Named Inventor	Robert W. Faber
	Art Unit	Not Assigned
	Examiner Name	Not Assigned
Total Number of Pages in This Submission	Attorney Docket Number	42P8383XD

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Return Receipt Postcard</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Paul A. Mendonsa, Reg. No. 42,879 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	May 5, 2004

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Typed or printed name	Deborah L. Higham		
Signature		Date	May 5, 2004



FEE TRANSMITTAL for FY 2004

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number	10/773,850
Filing Date	February 5, 2004
First Named Inventor	Robert W. Faber
Examiner Name	Not Assigned
Art Unit	Not Assigned
Attorney Docket No.	42P8383XD

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☒ None
☐ Deposit Account

Deposit
Account
Number

02-2666

Deposit
Account
Name

Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments
☒ Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES

Total Claims: 6 - 20* = 0 x 18.00 = \$0.00
Independent Claims: 1 - 3* = 0 x 86.00 = \$0.00
Multiple Dependent: ☐ = ☐

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple Dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 0.00

*or number previously paid, if greater. For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1404	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Paul A. Mendonsa

Registration No.
(Attorney/Agent)

42,879

Telephone

(503) 684-6200

Signature

Date

05/05/04



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

ROBERT W. FABER, ET AL.

Application No.: 10/773,850

Filed: February 5, 2004

For: METHOD AND APPARATUS FOR GENERATING PSEUDO
RANDOM NUMBERS IN A VIDEO DEVICE HAVING AN
EMBEDDED CIPHER UNIT

Art Group: Not Assigned

Examiner: Not Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

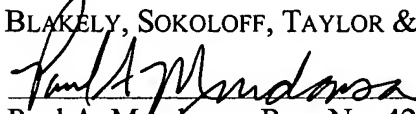
In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted within three (3) months of filing of the application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 09/607,792, filed June 30, 2000) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP



Paul A. Mendonsa, Reg. No. 42,879

Date: May 05, 2004

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (503) 684-6200

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Deborah L. Higham

05-05-04

Date

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Sheet 1 of 3

Application Number	10/773,850
Filing Date	February 5, 2004
First Named Inventor	Robert W. Faber
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	42P8383XD

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.†	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US-3,798,360	03-19-1974	Feistel	
	2	US-4,316,055	02-16-1982	Feistel	
	3	US-4,613,901	09-23-1986	Gilhousen et al.	
	4	US-4,641,102	02-03-1987	Coulthart et al.	
	5	US-4,953,208	08-28-1990	Ideno	
	6	US-5,020,106	05-28-1991	Rabold et al.	
	7	US-5,195,136	03-16-1993	Hardy et al.	
	8	US-5,509,073	04-16-1996	Monnin	
	9	US-5,590,194	12-31-1996	Ryan	
	10	US-5,621,799	04-15-1997	Katta et al.	
	11	US-5,673,319	09-30-1997	Bellare et al.	
	12	US-5,680,131		Utz	
	13	US-5,825,879	10-20-1998	Davis	
	14	US-5,852,472	12-22-1998	Prasad et al.	
	15	US-5,862,150	01-19-1999	Lavelle et al.	
	16	US-5,940,509	08-17-1999	Jovanovich et al.	
	17	US-6,005,940	12-21-1999	Kulinets	
	18	US-6,061,449	05-09-2000	Candelore et al.	
	19	US-6,167,136	12-26-2000	Chou	
	20	US-6,452,959 B1	09-17-2002	McDonough	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ - Number ⁵ - Kind Code ⁶ (if known)				
	21	EP 0 599 366 A1	01-06-1994	Monnin		
	22	WO 96/06504	02-29-1996	Chaney		
	23	WO 99/18729	04-15-1999	Maillard et al.		
	24	WO 99/19822	04-22-1999	Microsoft Corporation		
	25	WO 01/17251 A1	08-03-2001	Graunke et al.		

Examiner
SignatureDate
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

†Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/773,850
Sheet 3 of 3				Filing Date	February 5, 2004
				First Named Inventor	Robert W. Faber
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
				Attorney Docket Number	42P8383XD

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	28	"The Art of Computer Programming, Volume 2/Seminumerical Algorithms," Volume 2, 1969, pp. 30-31, Addison-Wesley Publishing Company, Inc., USA.		
	29	GUSTAVUS J. SIMMONS, "Symmetric and Asymmetric Encryption," Computing Surveys, Vol. 11, No. 4, December 1979, pp. 305-330.		
	30	B. SCHNEIER, "Applied Cryptography: Protocols, Algorithms and Source Code in C," Second Edition, 1996, Chapters 2-6 and 12-17, Published by Wiley & Sons, Inc., USA.		
	31	SCHNEIER ET AL., "Unbalanced Feistel Networks and Block-Cipher Design," Third International Workshop Proceedings, February 1996, pp. 121-144, USA.		
	32	WILLIAM STALLINGS, "Cryptography and Network Security," Principles and Practice, Second Edition, 4 June 1998, Chapter 3, 47 pages, Prentice-Hall, Inc., USA.		
	33	"High-Bandwidth Digital Content Protection," February 2000, pp. 1-11, Silicon Image, Inc.		
	34	"High-Bandwidth Digital Content Protection System, Revision 1.0," 17 February 2000, pp. 1-59, Intel Corporation, USA.		
	35	"Digital Visual Interface (DVI)," November 2001, pp. 1-15, InFocus Corporation, USA.		
	36	HOWARD M. HEYS, "An Analysis of the Statistical Self-Synchronization of Stream Ciphers," INFOCOM 2001, IEEE, pp. 897-904, USA.		
	37	HOWARD M. HEYS, "Delay Characteristics of Statistical Cipher Feedback Mode, IEEE, 2001, pp. 5-9, USA.		

Examiner Signature	Date Considered
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. Applicant is to place a check mark here if English language Translation is attached.

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